

FIGANOV, Ivan Semenovich; KOPTIKOVA, L.A., red.; NOVOSELOVA, V.V.,
tekhn.red.

[School equipment for mechanical engineering; eighth grade]
Uchebnoe oborudovanie po mashinovedeniiu (VIII klasse).

Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1959. 126 p.

(MIRA 14:1)

(Mechanical engineering--Study and teaching)

PADALKO, Nina Vasil'yevna; KOPTEKOVA, L.A., red.; TARASOVA, V.V., tekhn.red.

[Formation of the concepts of plant nutrition and respiration]
Formirovanie poniatii o pitanii i dykhanii rastenii. Moskva,
Izd-vo Akad.pedagog.nauk RSFSR, 1959. 158 p.

(Plant physiology--Study and teaching)

(MIRA 14:1)

POKROVSKIY, A.A., kand.pedagog.nauk, starshiy nauchnyy sotrudnik;
 BUROV, V.A., uchitel'; GLAZYRIN, A.I., starshiy nauchnyy sotrudnik,
 pensioner; DUBOV, A.G., starshiy nauchnyy sotrudnik; ZVORYKIN, B.S.,
 nauchnyy sotrudnik; KAMENETSKIY, S.Ye., uchitel'; KOSTIN, G.N., pre-
 podavatel'; MIRGORODSKIY, B.Yu., uchitel'; OREKHOV, V.P., prepoda-
 vatel'; ORLOV, P.P., prepodavatel'; RAZUMOVSKIY, V.G., aspirant;
 RUMYANTSEV, I.M., aspirant; TEREHT'YEV, M.M., prepodavatel';
 KHOLYAPIN, V.G., prepodavatel'; SHAKHMAYEV, N.M., nauchnyy sotrudnik,
 uchitel'; VOTENKO, I.A., uchitel' sredney shkoly, pensioner; STA-
 ROSTIN, I.I., prepodavatel'; MOGILKO, A.D., aspirant; SEMAKIN, N.K.;
 KOPTIKOVA, L.A., red.; LAUT, V.G., tekhn.red.

[New school equipment for use in physics and astronomy] Novye
 shkol'nye pribory po fizike i astronomii. Pod red. A.A.Pokrovskogo.
 Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1959. 161 p. (MIRA 12:11)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniya.
2. Laboratoriya metodiki fiziki Instituta metodov obuche- niya Akademii pedagogicheskikh nauk RSFSR (for Pokrovskiy).
3. Sred- nyaya zheleznodorozhnaya shkola st.Kratovo, Moskovskoy oblasti (for Burov).
4. Institut metodov obucheniya Akademii pedagogicheskikh nauk (for Glazyrin, Dubov, Razumovskiy, Rumyantsev).

(Continued on next card)

POKROVSKIY, A.A.---(continued) Card 2.

5. Institut metodov obucheniya Akademii pedagog.nauk; srednyaya shkola No.315 Moskvy (for Zvorykin). 6. Srednyaya shkola No.212 Moskvy (for Kamenetskiy). 7. Krasnodarskiy pedinstitut (for Kostin). 8. Srednyaya shkola No.18 g.Sumy (for Mirgorodskiy). 9. Ryazanskiy pedinstitut (for Orekhov). 10. Stalingradskiy pedinstitut (for Orlov). 11. Moskovskiy gorodskoy pedinstitut; srednyaya shkola No.443 Moskvy (for Terent'yev). 12. Balashevskiy pedinstitut (for Kholyapin). 13. Institut metodov obucheniya Akademii pedagog.nauk; srednyaya shkola No.215 Moskvy (for Shakhmayev). 14. Moskovskiy pedinstitut im. V.I.Lenina (for Starostin). 15. Pedinstitut im. V.I.Lenina v Moskve (for Mogilko). 16. Zaveduyushchiy narodnoy astronomicheskoy observatoriyey Dvortsa kul'tury Moskovskogo avtozavoda im. Likhacheva (for Semakin).
(Physical instruments)

BULATOV, N.P.; SUNDUKOV, N.A.; SKATKIN, M.N., red.; KOPTEKOVA, L.A.,
red.; LAUT, V.G., tekhn.red.

[Technical instruction in a city school] Opyt politekhnicheskogo obucheniya v gorodskoi shkole. Pod red. M.N.Skatkina. Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1959. 164 p. (MIRA 12:10)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniya. 2. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Skatkin).
(Technical education)

REZNIKOV, Leonid Isaakovich; EVENCHIK, Esfir' Yefimovna; YUS'KOVICH, Vasiliiy Fomich; YAVORSKIY, B.M., prof., doktor fiz.-matem. nauk, red.; SIDOROV, M.I., red.; KOPTEKOVA, L.A., red.; LAUT, V.G., tekhn.red.

[Methods of teaching physics in secondary schools] Metodika pre-podavaniia fiziki v srednei shkole. Pod red. B.M.Iavorskogo. Moskva, Izd-vo Akad.pedagog.nauk RSFSR. Vol.2. [Mechanics (continuation), molecular physics and heat] Mekhanika (prodolzhenie), molekuliarnaia fizika i teplota. 1960. 405 p.

(MIRA 13:7)

(Physics--Study and teaching)

DASHKOVSKIY, Dmitriy Kalistratovich; KOPTEKOVA, L.A., red.;
POLUKARPOVA, Ye.K., tekhn. red.

[Extracurricular studies by pupils of grades 9 to 11 in
a mathematics course] O samostoiatel'noi deiatel'nosti
uchashchikhsia 9-11 klassov v usvoenii kursa matematiki.
Moskva, Izd-vo APN RSFSR, 1963. 41 p. (MIRA 16:7)
(Mathematics--Study and teaching)

SHERENKOV, Viktor Nikolayevich; ROMANOVSKIY, V.N., kand. tekhn.
nauk, red.; KOPEKOVA, L.A., red.; POLUKAROVA, Ye.K.,
tekhn. red.

[Vocational instruction in secondary schools in electrical
engineering; class work on the topic "Electric engineering
materials"] Proizvodstvennoe obuchenie v srednei shkole po
elektrotekhnicheskim professiiam; pourochnye razrabotki temy
"Elektricheskie materialy." Pod red. V.N.Romanovskogo. Mo-
skva, Izd-vo APN RSFSR, 1963. 103 p. (MIRA 16:6)
(Electric engineering--Study and teaching)

POLYAKOV, V.A.; ROMANOVSKIY, V.N., kand. tekhn.nauk; KOPEKOVA,
L.A., red.; NOVOSELOVA, V.V., tekhn. red.

[Industrial training in secondary schools in the profes-
sion of electric contracting] Proizvodstvennoe obuchenie
v srednei shkole po professii elektromontera stroitel'-
stva; prakticheskoe proizvodstvennoe obuchenie. Pod red.
V.N.Romanovskogo. Moskva, Izd-vo Akademii pedagog. nauk
RSFSR, 1963. 118 p. (MIRA 16:12)
(Electric contracting--Study and teaching)

SEREBRYANYI, Emmanuil Grigor'yevich; KOPTEKOVA, L.A., red.;
TARASOVA, V.V., tekhn. red.

[Laboratory and practical work in telephony in secondary
schools] Laboratorno-prakticheskie raboty po telefonii v
srednei shkole. Moskva, Izd-vo Akad. pedagog. nauk RSFSR,
1963. 85 p. (MIRA 16:12)

(Telephone)

FEDOROVA, Ol'ga Fedorovna; KOPTEKOVA, L.A., red.; TARASOVA, V.V.,
tekhn. red.

[Some aspects of the improvements of professional qualification of evening (staggered) school students] Nekotorye voprosy povysheniia professional'noi kvalifikatsii uchashchikhsia vechernikh (smennykh) shkol. Moskva, 1963. 116 p.
(MIRA 17:3)

KOPTELEV, Yu.K., kand.tekhn.nauk; ZUYEV, A.I., kand.tekhn.nauk

Kinetics of radiation convective pulsatory drying of cable
insulation. Sbor.nauch.trud.IEI no.10 pt.2:52-61 '62. (MIRA 16:9)

KAGAN, G.Ya.; KOPTILEVA, Ye.I.; BITKOVA, A.N.

Antigen characteristics of the L-form of *Salmonella typhosa*.
Biul.eksp.biol. i med. 55 no.1:74-77 Ja'63. (MIRA 16:7)

1. Iz otdela obshchey meditsinskoy mikrobiologii (nauchnyy
rukovoditel' - deystvitel'nyy chlen AMN SSSR V.D.Timakov)
Instituta epidemiologii i mikrobiologii imeni akademika
N.F.Gamalei (dir. - prof. O.V.Baroyan) AMN SSSR, Moskva.
Predstavlena deystvitel'nyy chlenom AMN SSSR V.D.Timakovym.
(ANTIGENS AND ANTIBODIES) (SALMONELLA)

BITKOVA, A.N.; KOPTELEVA, Ye.I.; KAVTORINA, R.P.

Chemical composition of an L-culture of β -hemolytic streptococcus of the A group and its reversers. Vest. AMN SSSR 20 no.8:29-31 '65.
(MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei, AMN SSSR, Moskva.

KOPTELOVA, Ye.I.; POKROVSKIY, V.I.; GORSHKOVA, Ye.P.

Model of experimental meningitis in rabbits caused by streptococcal
and staphylococcal L-forms. Vest. AMN SSSR 20 no.8:60-64 '65.
(MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei
AMN SSSR, Moskva, i Moskovskiy meditsinskiy stomatologicheskiy
Institut.

KAGAN, G.Ya.; RAKOVSKAYA, I.V.; KOPTELEVA, Ye.I.; PROZOROVSKIY, S.V.;
ZHIV, B.V.; KOMA, S.G.

Comparative characteristics of the cytopathogenic effect of
various types of L-form bacteria and Mycoplasma in tissue
culture. Vest. AMN SSSR 20 no.8:66-74 '65. (MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei
AMN SSSR, Moskva.

KOPTELIY, K.M.
PAN'KO, I.V.; KOPTELIY, K.M. [Koptelyi], mekhanik-kontroler; ZAVADA, S., slyusar

Using the KOK-2 potato combine for loading peat litter. Mekh.sil'.
hosp. 9 no.3:7-8 Mr '58. (MIRA 11:4)

1. Direktor Stechans'koi mashinno-traktornoï stantsii, Kiivs'koi oblasti (for Pan'ko).
(Combines (Agricultural machinery)) (Peat machinery)

KOPTELOV, A.

KOPTELOV, A. V gorakh Altaia. Izd-vo "Molodaia gvardiia", 1937. 137 (2) p.
CSt-H TdJ

DEC: DK771.A25K6

So: LC, Soviet Geography, Part II, 1951/Unclassified.

KOPTELOV, A.

Koptelov, A. "In the Salairskiy bald mountains," \int On the
construction of the South Siberia railroad trunk line. Sketch. 7,
Sib. ogni, 1949, No. 1, p. 86-98

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

KOPTILOV, A.

Geography & Geology

Through our native land. Novosib. obl. izd., 1950.

Monthly List of Russian Accessions, Library of Congress, October 1952 UNCLASSIFIED

IOKHIMOVICH, D.; KOPELOV, A.; OMBYSH-KUZNETSOV, S.; SUBBOTINA, G.M.,
tekhn. red.

[My Siberia; verse, sketches, articles on the seven-year plan]
Moia Sibir; stikhi, ocherki, stat'i o semiletнем plane. No-
vosibirsk, 1960. 333 p. (MIRA 14:10)
(Siberia, Western—Economic policy)

KOPTELOV, A.

A useful work. Trudy Tom. obl kraeved. muz. 6 mo. 1:15 '62.
(MIRA 17:11)

KOPTELOV, A.A., inzh.

Concerning the location of the ground in current networks. Energetik
9 no.3:22 Mr '61. (MIRA 14:7)
(Electric currents—Grounding) (Electric networks)

KOPTELOV, A.A.; NEDOYKASH, M.S.

Small foundry equipment in short-run production. Lit. proizv.
no.2:38-40 F '63. (MIRA 16:3)
(Foundries--Equipment and supplies)

KOPTELOV, A. Z.

AID P - 3219

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 4/30
Author : Koptelov, A. Z., Electrician
Title : Comments about the article by A. Ya. Lides "On the necessity of revising 'Safety Rules of Operating Electrical Installations of Urban and Rural Networks'". (This journal, No. 12, 1954)
Periodical : Energetik, 8, 6, Ag 1955
Abstract : The author presents his objections to certain of A. Ya. Lides' proposals concerning the "Safety Rules", in particular those concerning consumers' lead-ins.
Institution : None
Submitted : No date

KOPTILOV, D.K., elektrik

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824520002-

Possibility of converting milk separator into a purifier for transformer oil. Energetik 8 no.2:23-24 F '60.

(MIRA 13:6)

(Oil reclamation)

PERTSEV, L.P., inzh.; KOPTILOV, L.N.

New design of clamps for flanges. Khim.mash. no.2:38-39 Mr
'62. (MIRA 15:3)
(Flanges)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824520002-8

✓ Actual correction of ...

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824520002-8"

PLOTNIKOV, Valeriy Leonidovich, dots., kand. tekhn. nauk; DROZDOV, N.S., dots., kand. tekhn. nauk, retsenzent; KOPTELOV, V.S., inzh., retsenzent; BESSUDNOV, B.F., dots., kand. tekhn. nauk, otv. red.; KIRILLOVA, L.D., red.; URITSKAYA, A.D., tekhn. red.

[Machines and equipment in forest exploitation] Mashiny i oborudovanie lesorazrabotok. Leningrad. No.1. [Portable mechanized instruments] Ruchnoi mekhanizirovannyi instrument; uchebnoe posobie dlia studentov lesomekhanicheskogo i leso-inzhenernogo fakul'tetov. 1961. 49 p. (MIRA 16:4)

1. Leningrad. Vsesoyuznyy zaachnyy lesotekhnicheskii institut.
(Lumbering--Machinery)

KOPTELOV, Ye., inzh.

Peaceful uses of atomic energy. Stroitel' no.5:28-29 My '59.
(Atomic energy) (MIRA 12:8)

27398
S/029/61/000/009/002/006
D037/D113

21.1000

AUTHOR: Koptelov, Ye., Engineer

TITLE: New nuclear power plants

PERIODICAL: Tekhnika molodezhi, no. 9, 1961, 8-9

TEXT: The author describes and compares two kinds of Soviet nuclear reactors nearing completion: (1) the water-moderated water-cooled reactor (Fig.1) of the Novovoronezhskaya atomnaya elektrostantsiya (Novovoronezh Nuclear Power Plant) and (2) the uranium-graphite reactor (Fig.2) of the Beloyarskaya atomnaya elektrostantsiya (Beloyarka Nuclear Power Plant). At the Novovoronezh Nuclear Power Plant water will be used for the moderation of neutrons and for heat discharge in contrast to the "first in the world" reactor [Abstracter's note: probably the Dubna reactor is meant] where neutrons are moderated by graphite. The core consists of 343 hexahedral assembly cells in which thin sealed tubes, containing uranium dioxide enriched to 1.5%, are fixed. The core is 2.5 m high and 3 m in diameter, and the housing is 11 m high. The water compressed to 100 atmospheres is pumped

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27398
S/029/61/000/009/002/006
D037/D113

New nuclear power plants

through the steam generators. The steam produced has a pressure of 32 atmospheres and turns three turbines each with a capacity of 700,000 kw. One fuel charge is sufficient for 1½ years' continuous operation of the reactor unit. The only disadvantage of the water-moderated water-cooled reactor is its relatively low efficiency. The first unit of the Beloyarka Nuclear Power Plant with a capacity of 100,000 kw will soon start producing industrial current. The plant's efficiency will be 35-37% against 27.5% at the Novovoronezh Nuclear Power Plant. The steam is superheated in the reactor itself instead of in steam generators, and, therefore, the cylindrical core is built up of graphite blocks. The water is pumped at a pressure of 155 atmospheres into the channels where it produces steam with a temperature of 340°C. The secondary steam has a pressure of 110 atmospheres and a temperature of 320°C. As a nuclear plant's efficiency depends upon the increase in steam temperature, at the Beloyarka Power Plant, for the first time in the world, nuclear superheating will be applied. Soviet engineers suggested that the saturated steam of the second circuit be directed into the fuel channels placed in the core's center, where the temperature is increased to 510°C. The graphite is laid in a thin-walled housing filled with

Card 2/5

KOPTELOV, Ye.A.

Conference on Reactor Physics and Technology. Atom energ. 16 no.3:
271-272 Mr '64. (MIRA 17:3)

L 18316-65 EMB(j)/EWI(1)/EWP(e)/EWG(k)/EWI(m)/EPP(c)/EPP(n)-2/EPR/EEC(b)-2/EWP(b)
 Ps-6/Pr-4/Ps-4/Pu-4 IJP(c)/APWL/SSD WW/AT/WH
 S/0089/64/017/005/0329/0335
 ACCESSION NR: AP4049532

AUTHOR: Millionshchikov, M. D.; Gverdtsiteli, I. G.; Abramov, A. S.; Gorlov, L. V.; Gubanov, Yu. D.; Yefremov, A. A.; Zhukov, V. P.; Ivanov, V. Ye.; Kovy*rzin, V. K.; Koptelov, Ye. A.; Kosovskiy, V. G.; Kukharkin, N. Ye.; Kucherov, R. Ya.; Laly*kin, S. P.; Merkin, V. I.; Nechayev, Yu. A.; Pozdnyakov, B. S.; Ponomarev-Stepnov, N. N.; Samarin, Ye. N.; Serov, V. Ya.; Usov, V. A.; Fedin, V. G.; Yakovlev, V. V.; Yakutovich, M. V.; Khodakov, V. A.; Kompaniyets, G. V.

TITLE: The "Romashka" high-temperature reactor-converter /9

SOURCE: Atomnaya energiya, v. 17, no. 5, 1964, 329-335

TOPIC TAGS: nuclear power reactor, reactor feasibility study, re-search reactor, thermoelectric converter/Romashka

ABSTRACT: The authors briefly describe the construction, parameters, test results, and operating experience of the "Romashka" reactor-

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ACCESSION NR: AP4049532

converter unit, which has been in operation at the Kurchatov Atomic Energy Institute since August 1964. The fuel used is uranium dioxide enriched to 90% U^{235} . Graphite and beryllium are used as reflectors. Electricity is generated by silicon-germanium semiconductor thermocouples distributed on the outer surface of the reflector and connected in four groups which can be connected in series or in parallel. The temperatures of the active zone and outer surface are 1770 and 1000C, respectively. The power ratings are 0.50-0.80 kW electric and 40 kW thermal, the maximum current (parallel connection) is 88 A, the neutron flux is 10^{13} neut/cm² sec in the center of the active zone and 7×10^{12} on its boundary. The reactor has a negative temperature reactivity coefficient. The equipment has high inherent stability and requires no external regulator, and little change was observed in the thermocouple properties after 2500 hours of operation. Tests on the equipment parameters are continuing, and the results are being analyzed for use in future designs. Orig. art. has: 8 figures and 1 formula.

Card 2/3

KOPTELOV, Ye.A. (Moskva)

Direct transformation of nuclear energy into electric energy.
Priroda 53 no. 11:113-115 '64. (MIRA 18:1)

S/143/60/000/004/006/007
A163/A026

AUTHORS: Zuyev, A.I., Candidate of Technical Sciences; Koptelov, Yu.K., Engineer; Sorokin, A.F., Professor, Doctor of Technical Sciences

TITLE: A New Method of Drying Coatings of Communication Cables With Stiroflex Insulation

PERIODICAL: Energetika, 1960, No. 4, pp. 104 - 112

TEXT: The article deals with a new method of drying paper coatings of communication cables with stiroflex (a plastic version of polystyrene) insulation. The author presents a new radiation-convection drying installation tested under laboratory conditions; and a semi-commercial drier designed for radiation-convection drying and recommended as a basic design for future commercial drying installations. At present, paper coatings are dried in vacuum boilers at a temperature of 65 - 70°C and a pressure of 40 - 60 mm Hg. This process of drying is applied because of the low thermal resistance of stiroflex. When heated beyond 70°C it loses its plastic properties. Since this method has a number of shortcomings, the laboratory of the Department of Promteplotekhnika has developed a number of various experimental installations. One of these installations is used for radiation, as well as for radiation-convection drying. For radiation

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S/143/60/000/004/006/007
A163/A026

A New Method of Drying Coatings of Communication Cables With Stiroflex Insulation

the installation has a ceramic cylindrical radiator with an inside diameter of 45 mm; on its outside it is wound with a 0.8 mm nichrome wire. The temperature was regulated with a laboratory transformer. The maximum temperature of the radiator surface was 650°C. To heat the air, an electronic heater with one adjustable and three non-adjustable sections was installed. During the tests, the air temperature varied from room temperature to 100°C. To measure the temperature of the coating paper, and also of stiroflex, copper-constantan thermocouples were used, the readings of which were fixed with a ППН-4 (PP-4) potentiometer and recorded on photo paper. The coating paper was then processed in exsiccators before subjecting it to an initial dampness ranging from 6 - 10%. Each series of experiments was carried out by starting with the same initial moisture. After that the paper was rolled onto a 300-mm-long cable pattern and was alternately exposed to infrared radiation and air blasts. Radiation times varied from 1 to 3 sec, those of air blasts from 4 to 5 sec. With a radiation of 2 sec, an air blast of 5 sec at a temperature of 530°C, an air temperature of 25°C and an air speed of 1.5 m/sec the temperature of stiroflex did not exceed 68°C. The author came to the conclusion that the speed of the air blast must not exceed 3.5 - 4 m/sec. In order to check the results of the above laboratory experiments, a

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S/143/60/000/004/006/007
A163/A026

A New Method of Drying Coatings of Communication Cables With Stiroflex Insulation

semi-industrial continuous drier was developed, in which ceramic panels with electric heating were used as radiators. A diagram of the new drier is presented in Figure 6. The results of tests carried out with the new installation confirmed the effectiveness of the laboratory method of drying paper coatings. A total of more than 2,000 km of MKCS (MKSB) cables were turned out with the new drier. The average specific resistance was 20,000 megohm/km, at a norm of 10,000 megohm/km. The new method is suitable for all cables on which only the "belt" insulation has to be subjected to drying; and for those materials of which only the surface layers are to be dried without overheating the inside layers. The semi-commercial drier - used also for lead platings - will serve as a basic design for the production of commercial-type drying installations. There are 6 figures and 6 Soviet references.

ASSOCIATION: Ivanovskiy energeticheskiy institut imeni V.I. Lenina (Ivanovo Power Engineering Institute imeni V.I. Lenin)

PRESENTED: by the Department of the Promteplotekhnika

Card 3/4

KOPTELOV, Yu.K., inzh.; SOROKIN, A.F., prof., doktor tekhn.nauk

Hygrothermal and electrical properties of cable insulation.
Izv.vys.ucheb.sav.; energ. 3 no.5:80-89 My '60.
(MIRA 13:6)

1. Ivanovskiy energeticheskiy institut imeni V.I.Lenina.
Predstavlena kafedroy promteplotekhniki.
(Electric cables)
(Electric insulators and insulation)

KOPTELOV, Yu.K. Cand Tech Sci -- "Drying of the belt insulation of long-distance cables." Mos, 1961 (Min of Higher and Secondary Specialized Education RSFSR. Mos Order of Lenin Power Engineering Inst). (KL, 4-61, 197)

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-200-

Koptelov, Yu. K.; Sorokin, A. F.

"Radiative-Convective Pulsation Drying of Belted Cables MKCB"

Report presented at the Conference on Heat and Transfer, Minsk, USSR, 5-10 June 61

TROSHIN, P.V., kand.tekhn.nauk, dotsent; FEDOTOV, M.P., inzh.; SOKOLOV, Yu.P., inzh.; BORISOV, B.G., kand.tekhn.nauk; MALKOV, Yu.A., inzh.; SOROKIN, A.F., doktor tekhn.nauk, prof. [deceased]; ZUYEV, A.I., kand.tekhn.nauk; KOPELOV, Yu.K., kand.tekhn.nauk; YERSHOV, Yu.G., inzh.; BROVKIN, L.A., kand.tekhn.nauk, dotsent; POTOSKUYEV, M.P., kand.tekhn.nauk, dotsent; PYATACHKOV, B.I., kand.tekhn.nauk, dotsent; ROMANOVA, T.M., kand.tekhn.nauk, dotsent

Abstracts of completed research works contracted for the national economy. Sbor. nauch.trud. LEI no.10 ~~10-107-127~~ '62.

(MIRA 16:9)

*

KOPTELOVA, M.N.

ZAYEVA, S.P., prof.; ALEKSEYENVA, L.N., kand.med.nauk; RATENBERG, N.S., kand.
med.nauk; KOPTELOVA, M.N., nauchnyy sotrudnik

Nitrofurans with properties of a wide-spectrum antibiotic; experimental
study of furadonine a chemotherapeutic preparation. Urologia 22 no.6:
46-50 N-D '57. (MIRA 11:2)

1. Iz Instituta eksperimental'noy meditsiny (dir. - deystvitel'nyy
chlen Akademii nauk Latvyskoy SSR P.Ya.Gerke) Akademii nauk
Latvyskoy SSR.

(NITROFURANTION, ther. use
urinary tract dis.)

(URINARY TRACT, dis.
ther., nitrofurantion)

ZAYEVA, S.P., ALEKSEYEVA, L.N., RATENBERG, N.S., KOPTELOVA, M.N.

Experimental studies on a new chemotherapeutic preparation furazidin.
Zhur.mikrobiol.epid. i immun. 29 no.7:10-15 J1 '58 (MIRA 11:8)

1. Iz Instituta eksperimental'noy meditsiny AN Latvyskoy SSR.
(FURAN DERIVATIVES,
furazidin, pharmacol. (Rus))

ZAYEVA, S.P., ALEKSEYEVA, L.N., RATENBERG, S.N., KOPTELOVA, M.N., MEDNE, K.K.
SPURE, I.P.

Experimental studies on furazolidone. Zhur.mikrobiol.epid. i immun.
29 no.7:15-20 J1 '58 (MIRA 11:8)

1. Iz Instituta organicheskogo sinteza AN Latvyskoy SSR.
(FURAN, DERIVATIVES,
furazolidon, pharmacol. (Rus))

KOPTELOVA, M.; ~~VARAS, G.~~

GENERAL

PERIODICAL: VESTIS, No. 8, 1958

KOPTELOVA, M.; ~~VARAS, G.~~ Experimental study of the anticoagulant properties of some indandione-1,3 derivatives. In Russian. p. 93.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

KOPTELOVA, M.

Anticoagulant properties of rhodanic derivatives of 2-substituted indandiones. Izv. AN Latv. SSR no.10:113-119 '62.
(MIRA 16:1)

1. Institut organicheskogo sinteza AN Latvyskoy SSR.

(ANTICOAGULANTS(MEDICINE)) (INDANDIONE)

KOPTELOVA, M.N.

Experimental study of a new anticoagulant omepine. Vop. med. khim.
8 no.4:396-401 J1-Ag '62. (MIRA 17:11)

1. Institut organicheskogo sinteza AN Latvyskoy SSR, Riga.

KOVSH, O.; KOPELOVA, M.; S^YAKSTE, I.; SHTOFER, G.

Practice in clinical application of the anticoagulant "omefin"
of the indandione group. Izv. AN Latv. SSR no.10:129-132 '62.
(MIRA 16:1)

1. Institut organicheskogo sinteza AN Latvyskoy SSR.

(ANTICOAGULANTS(MEDICINE)) (INDANDIONE)

VANAG, G.Ya.[Vanags, G.], otv. red.; ZEIMENE, V., red.; KOPELOVA, M.M.,
red.; BLYUGER, A., red.; KOVSH, O.Ya., red.; SHUL'TS, I.,
red.

[Phenyllin] Fenilin; sbornik statei. Riga, Izd-vo AN
Latviiskoi SSR, 1964. 134 p. (MIRA 17:5)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu
Akademija. Organiskas sintezes instituts. 2. Institut orga-
niceskogo sinteza AN Latviyskoy SSR (for Vanag, Koptelova).

KOPTELOVA, R.G.

Eradication of Agropyron repens. Zashch. rast. ot vred. i bol.
8 no.9:13-14 S '63. (MIRA 16:10)

1. Vsesoyuznyy institut l'na, Torzhok, Kalinskoy obl.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 32 (USSR) 15-1957-3-2752D

AUTHOR: Koptelova, S.N.

TITLE: The Quaternary and Pliocene Deposits of the Manych
Downwarp (Region of Lake Manych-Gudilo) [Chetvertichnyye
i pliotse novyye otlozheniya Manychskogo progiba (rayon
ozera Manych-Gudilo)]

ABSTRACT: Bibliographic entry on the author's dissertation for the
degree of Candidate of Geological and Mineralogical
Sciences, presented to the Rostovsk. n/D. un-t (Rostov-
na-Donu University), Rostov-na-Donu, 1956.

ASSOCIATION: Rostovsk. n/D. un-t (Rostov-na-Donu University)

Card 1/1

SHAMRAY, I.A.; KOKHANOVSKIY, P.P.; KOPTELOVA, S.N.

Mineralogical and structural-petrographic types and areas of
loess-type rocks in the lower Don Valley, southern Yergeni Hills,
and northern Ciscaucasia. Biul. Kom. chetv. per. no.30:100-110 '65.
(MIRA 19:2)

KOPTILOVA, S. N.

KOPTILOVA, S. N.: "Quaternary and Pliocene deposits of the Manych depression (around Manych-Gudilo Lake.)" Min Higher Education USSR. Rostov na Donu State U imeni V. M. Molotov. Rostov na Donu, 1956. (Dissertation for the Degree of Candidate in Geologicomineralogical Science)

Source: Knizhnaya Letopis' No. 28 1956 Moscow

AUTHOR: Koptelova, S. N. SOV/20-120-1-46/63

TITLE: The Periodicity of the Sedimentation in the Manych-Downwarping (the Quaternary and Pliocene History) [O periodichnosti osadkonakopleniya v Manyohskom progibe (chetvertichnaya i pliotse-novaya istoriya)]

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 1, pp. 168-171 (USSR)

ABSTRACT: The Quaternary and Pliocene deposits of the mentioned downwarping contain the still undiscovered history of the Black and Caspian Seas and therefore have attracted the interest of geologists. Their practical importance lies in the engineering-geological and hydrogeological investigations and in prospecting for building materials, which are present in the surrounding steppes. Little in particular is known on the substantial composition and the genesis of the sediments which are discussed (Ref 7). A complex geological recording and the study of the cores of many bores now complete the investigations made before (Refs 1-5, 7-10). The works were performed in the district of the lake Manych-Gudilo, in the place of the best preservation of the terraces of the Manych-straits (Ref 6). The lithogenous types separated out in the cross sect-

Card 1/4

CHERNOMAZ, P.A.; KOPTELOVA, Ye.G.

Dusting potato tubers with phosphate fertilizers before planting.
Bio. v shkole no.2:64-65 Mr-Apr '63. (MIRA-16:4)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva
(for Chernomaz).
2. Zarayskaya srednyaya shkola No.3 Moskovskoy
oblasti (for Koptelova).
(Seed potatoes) (Phosphates)

KOPTELOVA, Ye. I., Cand Med Sci -- (diss) "Obtaining and
regeneration of filterable forms of the bacteria of ^{typhoid fever} ~~Cyphus~~
~~abdominalis~~. Biological properties of "secondary" regenerated
cultures." Mos, 1957. 15 pp (Acad Med Sci USSR, Inst of
Epidemiology and Microbiology im Honored Academician N. F.
Gamaleya), 200 copies (KL, 52-57, 111)

- 119 -

Country : USSR
 Category : Microbiology. General Microbiology. Growth and Development of the Microbial Population
 Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103600
 Author : Koptelova Ye. I.
 Institut. :
 Title : Obtaining Filtrable Forms of Typhoid Bacteria under unfavorable conditions In Vitro and In Vivo Agents.
 Orig Pub. : Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 6, 89-92
 Abstract : The formation of filtrable forms of typhoid bacilli were investigated under conditions of a nutritive medium during aging and after destruction by means of shaking and under in vivo conditions in normal and immunized animals. Cultures on various nutritive media and passage through the bodies of animals resistant to the given infection were used for the purpose of regeneration. The greatest percentage of secondary cultures was obtained from the filtrable forms created through aging and shaking on artificial nutritive media: of 78 filtrates 25 cultures were obtained, which equals 32 percent. Filtrable forms are found less often

Card:

1/2

F-3

TIMAKOV, V.D., KAGAN, G.Ya. KOPTELOVA, Ye.I. SOLOV'YEV, M.N.

Characteristics of the biological properties of invisible filterable forms of *Eberthella typhosa* and forms regenerated from them.
Report No.1: Method of detecting filterable forms in bacterial cultures, exposed to adverse effects, and their filtrates. Results of regeneration. Trudy Inst. mikrobiol. no.5:214-224 '58 (MIRA 11:6)

1. Institut epidemiologii i mikrobiologii im. N.F. Gamalei AMN SSSR.
(*SALMONELLA TYPHOSA*, culture,
regen. & detection of filtrable forms exposed to inhib.
(Rus))

TIMAKOV, V.D., KAGAN, G.Ya., KOPELOVA, Ye.I.

Characteristics of the biological properties of invisible forms of *Eberthella typhosa* and forms regenerated from them. Report No.2: Cultural, biochemical, antigenic and immunogenic properties of regenerated filterable forms of *Eberthella typhosa*. Trudy Inst. mikrobiol. no.5:225-235 '58 (MIRA 11:6)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei AMN SSSR.

(*SALMONELLA TYPHOSA*, culture, regenerated filtrable forms, cultivation, biochem. antigenic & immunogenic properties (Rus))

BITKOVA, A.N.; KOPTELOVA, Ye.I.

Comparative immunochemical investigation of nucleoproteins isolated
from regenerated filtrable forms of typhoid bacteria. Biokhimiia
25 no. 3:417-421 My-Je '60. (MIRA 14:4)

1. Biochemical Department, Institute of Epidemiology and Microbiology,
Academy of Medical Sciences of the U.S.S.R., Moscow.
(*EBERTHELLA TYPHOSA*) (ANTIGENS AND ANTIBODIES)

S/016/60/000/06/33/051

AUTHORS: Koptelova, Ye.I. and Bitkova, A.N.

TITLE: The Antigenic Structure of Secondary Strains of Salmonella Typhosa,
Regenerated From Filtrable Forms

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960³, No. 6,
p. 112

TEXT: The aim of the present work was to determine the antigenic links between an original strain of *Salmonella typhosa*, a regenerated strain from filtrable forms of the original strain, differing from the original strain in enzymatic activity and, thirdly, a strain of *Salmonella typhosa*, regenerated from the filtrable forms of the original strain, in which the original strain's biological properties were almost entirely restored. Complete antigens were prepared from the strains and subjected to fractioning. Specific sera were then obtained by immunizing rabbits with the complete antigens or fractions. Antigenic links were detected by the ring-precipitation test, Auchterlony's precipitation in jelly and Castegliani absorption. It was found that, in addition to the normal group antigens, the regenerate strains had also developed specific antigens. Apparently, incomplete restoration of the original strain's properties failed to restore the common anti-

Card 1/2

S/016/60/000/06/33/051

The Antigenic Structure of Secondary Strains of Salmonella Typhosa, Regenerated From Filtrable Forms

genic components of the polysaccharide fraction, with the result that antigens, specific only to the secondary regenerated strains appeared.

ASSOCIATION: Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR
(Institute of Epidemiology and Microbiology imeni Gamaleva of
the AMN, USSR)

SUBMITTED: September 29, 1959

Card 2/2

KAGAN, G.Ya.; KOPTELOVA, Ye.I.

Pathogenic properties of the L forms of *Salmonella typhosa*
produced by the action of penicillin. Antibiotiki 8 no. 11:
1011-1014 N '63. (MIRA 17:9)

1. Otdel obshchey meditsinskoy mikrobiologii (zav. - deystvitel'nyy
chlen AMN SSSR prof. V.D.Timakov) Instituta epidemiologii i
mikrobiologii imeni N.F.Gamalei AMN SSSR.

BITKOVA, A.N.; KAGAN, G.Ya.; KOPTELOVA, Ye.I.; LEVASHOV, V.S.

Properties of the chemical structure of L-forms of *Salmonella typhosa*
and their bacterial reversion forms. Zhur. mikrobiol., epid. i immun.
40 no. 8:96-101 Ag '63. (MIRA 17:9)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR.

KAGAN, G.Ya.; PRIZOROVSKIY, S.V.; KOTTELOVA, Ye.I.; SHCHEGOLEV, A.G.; SAVENKOVA, V.T.; LEVASHEV, V.S.; PESINA, Z.V.; MIKHAYLOVA, V.S.

Some general regularities in the formation of L-forms in various pathogenic bacteria species. Zhur. mikrobiol., epid. i immun. 40 (MIRA 17:12) no.11:7-12 N '63.

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

KOPTELOVA, Ye.I.; POKROVSKIY, V.I.

Experimental meningitis in rabbits caused by I-form streptococci.
Zhur. mikrobiol., epid. i immun. 41 no.10:90-93 '64. (MIRA 18:5)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR
i I Moskovskiy ordena Lenina meditsinskiy institut.

KOMM, S.G.; KAGAN, G.V.; PROZOROVSKIY, S.V.; KOPELOVA, Ye.I.; RAKOVSKAYA,
I.V.; ISAKIN, V.P.; TUREVICH, Ye.Ye.

Basic trends in the cinematographic study of L-form bacteria
and Mycoplasma. Vest. AMN SSSR 20 no.8:20-22 '65. (MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei
AMN SSSR i otдел nauchno-issledovatel'skoy kinematografii
AMN SSSR, Moskva.

L 12815-66

EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP5028181

SOURCE CODE: UR/0248/65/000/008/0029/003128

AUTHOR: Bitkova, A. N.; Koptelova, Ye. I.; Kavtorina, R. P.

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamalei, AMN SSSR, Moscow
(Institut epidemiologii i microbiologii AMN SSSR)

TITLE: Chemical composition of the group A β -hemolytic streptococcus L-culture and
of its reversants

SOURCE: AMN SSSR. Vestnik, no. 8, 1965, 29-31

TOPIC TAGS: bacteria, microbiology

ABSTRACT: The purpose of this study was to determine what changes occur in the chemical composition of the basic components of group A β -hemolytic streptococci during transformation to the L-form and during reversion. Analyses carried out on vacuum-dried cells showed that definite chemical changes occur in such transformations and that these changes are not completely restored during the reversion from the L-form to the initial culture. In the L-form culture there was a reduction in the amount of nitrogen- and phosphorus-containing components, of hexamines and

Card 1/2

UDC: 576.854.214.095.5.097

Card 2/2

L 12812-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP5028184

SOURCE CODE: UR/0248/65/000/008/0054/0060

AUTHOR: Kagan, G. Ya.; Koptelova, Ye. I.; Prozorovskiy, S. V.; Mikhaylova, V. S.;
Dzhikidze, E. K.; Akbroyt, Ye. Ya.; Dorofit'yenko, S. F.; Chirkovich, Ye. M.;
Simovonyan, V. G.; Dzobakhidze, L. V. 35
B

ORG: Institute of Epidemiology and Microbiology im. I. F. Gamalei, AMN SSSR, Moscow
(Institut epidemiologii i microbiologii AMN SSSR); Institute of Experimental Pathol-
ogy and Therapy, AMN SSSR, Sukhumi (Institut eksperimentalnoi patologii i terapii AMN
SSSR)

TITLE: Experience with experimental infection of *Macacus speciosus* monkeys with L-
forms of hemolytic streptococcus 6.11.55

SOURCE: AMN SSSR. Vestnik, no. 8, 1965, 54-60

TOPIC TAGS: infective disease, bacteriology, microbiology, experimental animal

ABSTRACT: Prior work by the authors with small laboratory animals failed to estab-
lish adequate criteria for determining pathogenicity of the L-form of bacteria. In
order to resolve this problem the present study was carried out on 20 *Macacus*

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UDC: 616.981.214-092.9-093.23
2

L 12812-66

ACC NR: AP5028184

speciosus. The infective organisms employed were a stable culture of L-forms of β -hemolytic streptococci obtained from *in vitro* sources (L), and a strain of β -hemolytic streptococci isolated from the blood of a rheumatism patient (S). Of 12 animals (11 infected through the paratonsillar cellular tissue -groups 2 and 3-, and 1 infected i.v. -group 1-) 8 developed catarrhal anginas after two doses of the L-form. Three of these animals developed particularly severe cases with suppurative patches. The disease lasted from 3-22 days with the majority of the animals being sick 10 days or longer. Of the 5 animals receiving 3 doses of L-forms (Group 2) the most severe reaction occurred after the second injection in 2 animals, whereas in the third animal the reaction was more severe after the last injection. Of the 6 monkeys receiving 2 L-form doses followed by an injection of streptococci (Group 3) one animal developed a severe and one a slight case of angina following the third injection. Only one animal that had shown no reaction to the preceding L-injections developed a grave angina after the S injection. In neither group 2 or 3 did suppurative patches develop following the third injection. Of the 4 animals receiving 3 doses of S (Group 4) only 2 developed slight anginas of short duration after the first injection. The 2 subsequent injections produced no response. Roentgenokymographic examination revealed changes in the tonic and contractile functions of the myocardium in 7 animals (2 fr. gr. 1, 3 fr. gr. 2, 1 each fr. gr. 3 + 4). In all

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L 12812-66

ACC NR: AP5028184

0

cases the observed changes coincided with development of angina, the most profound changes being noted in 2 animals who had developed suppurative patches. The roentgenokymographs slowly returned to normal following the second injection. The only changes in the EKG were found in one animal from group 1 which had received one injection of L followed by one of S. The changes were interpreted as being the result of necrotic foci produced in the myocardium by the infection. Increases in the indexes characterizing the severity of inflammatory reactions (ESR, leucocytosis and C-reactive blood protein) coincided with periods of sustained angina in groups 2, 3, and 4. Those of groups 1 and 5 could not be measured due to the development of pneumonia and dysentery. The titre of antistreptolysin "O" was used as an immunological indicator. An increase in titre was found to be directly correlated with the severity of the disease present, although an increase was observed in one animal (group 4) that had no angina. Orig. art. has: 1 table.

SUB CODE: 06/ SUBM DATE: 29May65/ ORIG REF: 004/ OTH REF: 002

jw

Card 3/3

L 12811-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP5028185

SOURCE CODE: UR/0248/65/000/008/0060/0064

AUTHOR: Koptelova, Ye. I.; Pokrovskiy, V. I.; Gorshkova, Ye. P. 36
B

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamaley, AMN SSSR, Moscow
(Institut epidemiologii i mikrobiologii AMN SSSR); Moscow Medical Stomatological In-
stitute (Moskovskiy meditsinskiy stomatologicheskiy institut)

TITLE: A model of experimental meningitis^{le} in rabbits induced by L-forms of strepto-
cocci and staphylococci L, 411, 55

SOURCE: AMN SSSR. Vestnik, no. 8, 1965, 60-64

TOPIC TAGS: bacteria, mycoplasm, infective disease, microbiology

ABSTRACT: Since L-forms are present in patients with meningitis, meningoencephali-
tis, and brain abscesses but not during the recovery period, the authors conjectured
that not only the bacterial but the L-forms play a pathogenetic role in these dis-
eases. To test their assumption, they injected rabbits suboccipitally with two
strains of stable L-cultures of hemolytic streptococci (L-196 and L-409), one strain
of a staphylococcal L-culture (L Lossmanov), bacterial forms of β -hemolytic

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UDC: 616.832.9-002-022.7-092.9
2

L 12811-66

ACC NR: AP5028185

streptococcus (No. 10-S), and staphylococcus (Lossmanov). The meningitis induced by injecting the bacterial cultures into the subarachnoid space had an acute course and lethal outcome in most of the animals within 5 days. On the other hand, the meningitis that followed injection of the L-forms, though marked by the same clinical symptoms, was characterized by a longer and more sluggish course and the animals survived 7-15 days. Histological analysis of the brain and meninges showed that infection with L or bacterial cultures gives rise to a similar diffuse inflammatory reaction. Thus, meningitis and meningoencephalitis can be experimentally induced both by bacterial forms and by stable L-cultures. With the latter, the clinical course of the disease seems to be related to the species specificity of the L-forms. Orig. art. has: 2 figures, 1 table.

SUB CODE: 06/ SUBM DATE: 29May65/ ORIG REF: 001/ OTH REF: 002

jw

Card 2/2

L 12809-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP5028187

SOURCE CODE: UR/0248/65/000/008/0066/0074

AUTHOR: Kagan, G. Ya.; Rakovskaya, I. V.; Koptelova, Ye. I.; Prozorovskiy, S. V.; Zhiv, B. V.; Komm, S. G.

ORG: Institute of Epidemiology and Microbiology Academy of Medical Sciences SSSR
(Institut epidemiologii i mikrobiologii Im. N. P. Gamalei AMN SSSR, Moscow)

TITLE: Comparison of the cytopathogenic effect produced by different types of L-form bacteria and mycoplasmas in tissue cultures

SOURCE: AMN SSSR. Vestnik, no. 8, 1965, 66-74

TOPIC TAGS: bacteria, microbiology, mycoplasma

ABSTRACT: The authors present the results of a comparative study of the cytopathogenic effect produced by several species of L-form bacteria and mycoplasmas and their capacity to grow in various tissue cultures. The bacteria tested included the stable L-culture of *S. typhi*, No. 152L, stable L-culture of the hemolytic streptococcus No. 196L, and two stable L-cultures of the streptococci Nos. 406L and 409L. *M. laidlawii* and *M. agalactiae* were the mycoplasmas tested. The L-form bacteria and mycoplasmas

Card 1/2

UDC: 576.8.095.5.06 : 576.3

L 12809-66

ACC NR: AP5028187

0
differ in their elective action on various tissue cultures and in the nature and intensity of the cytopathogenic changes that they produce. For example, *M. laidlawii* provokes a sharp cytopathogenic effect in chick embryo cultures, the titer reaching a maximum on the second day. *M. agalactiae* produces very slight cytopathogenic changes, e.g., attenuation of the layer, the titer reaching a maximum in 6-8 days. Mycoplasmas grow on chick embryo fibroblasts in titers of 10^5 to 10^7 without inducing cytopathogenic changes. Mycoplasmas differ from one another in the time required for the cytopathogenic changes to become manifest in cultures and in the pH of the medium. The results of these investigations suggest that a study of the cytopathogenic effect and growth of L-form bacteria and mycoplasmas in tissue cultures may be useful in differentiating them. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 06/ SUBM DATE: 28May65/ ORIG REF: 001/ OTH REF: 001

jw

Card 2/2

L 42430-65 EWT(1)/EWA(j)/EWA(b)-2 JK
ACCESSION NR: AP5007995

S/0016/65/000/002/0105/0110

AUTHOR: Kagan, G. Ya.; Koptelova, Ye. I.; Pokrovskiy, V. I.

TITLE: Isolation of PPLO-, L-forms and heteromorphic growth forms of bacteria from the cerebrospinal fluid of patients with purulent meningitis

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 2, 1965, 105-110

TOPIC TAGS: microbiology, meningitis, bacteriologic culture method, cerebrospinal fluid, bacteria

ABSTRACT: Microbiology of purulent meningitis was investigated by culturing the cerebrospinal fluid of patients and of a control group on 3 different media: 1) medium containing transforming and stabilizing agents to produce optimal conditions for L-form isolation, 2) medium containing only stabilizing agents to produce optimal conditions for isolation of heteromorphic growth forms, and 3) medium without transforming or stabilizing agents to produce optimal conditions for isolation of bacterial forms and their

Card 1/2

L 42430-65

ACCESSION NR: AP5007995

reversions from L-forms and heteromorphic growth forms. The bacterial forms were identified by a general bacteriological analysis method. Investigation of 114 patients affected by purulent meningitis, including 8 with abscesses of the brain, revealed bacteria of various types in 21 patients, heteromorphic growth forms and unstable L-forms in 4 patients, mixed cultures of bacterial and L-forms in 5 patients, and stable L-forms (PPLO) in 22 patients. No growth was found in the cerebrospinal fluid cultures of 25 control patients (tuberculosis and viral meningitis). Unstable and stable L-forms and also granular forms were found particularly in cases of protracted severe cases of meningitis and brain abscesses. Generally, negative cultures coincided with complete recovery. The problem of whether these bacterial forms develop in the organism under the effect of various transforming agents of a chemical and biological nature or whether they are the result of direct infection is not clear at this time. Orig. art. has: 4 figures.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. N. F.

Gamalei AMN SSSR (Institute of Epidemiology and Microbiology AMN SSSR); I Moskovskiy ordena Lenina meditsinskiy institut (The First Moscow Lenin Order Medical Institute)

Card 2/3

SUBMITTED 5 Sep 63

1. KOPTELOVA, Z.
2. USSR (600)
4. Trade-Unions
7. Studies and training of the trade-union activist. V pom. profaktivu, 14, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

VASIL'YEV, Yu.M.; GIBSHMAN, N.B.; KAN, Ye.K.; KOPTEL'TSEV, A.A.;
LI, K.A.; CHARYGIN, M.M.

Initial results of super-deep drilling in the Caspian Lowland.

Trudy MINKHIGP no.43:213-217 '63.

(MIRA 17:4)

KOPTEL TSEU, A.M.

21(4) **PHASE I BOOK REVISIONS** NOV/27/14

International Conference on the Peaceful Use of Atomic Energy. 2nd, Geneva, 1958

Relevant documents: *Yakovlev Goryunov I. Yakovlev Goryunov I. (Report of Soviet Scientists); Bulmer Paul and Reactor Metals) Moscow, Academic, 1959. 670 p. (Series: Ito; Treaty, vol. 3, 6,000 copies printed.*

Re. (Title page): A.A. Becker, Academician, A.P. Vinogradov, Academician, V.G. Zaslavskiy, Corresponding Member, USSR Academy of Sciences, and A.P. Zaslavskiy, Member of Technical Sciences; M. (Title page): V.G. Zaslavskiy and A.P. Zaslavskiy; Tech. M.: P.I. Buzin.

Abstract: This volume is intended for scientists, engineers, physicians, and biologists working in the production and peaceful application of atomic energy; for teachers and students of schools of higher technical education where the subject is taught; and for people interested in atomic science and technology.

Contents: This is volume 3 of a 5-volume set of reports on atomic energy, presented by Soviet scientists at the Second International Conference on the Peaceful Use of Atomic Energy, held in Geneva from September 1 to 13, 1958. Volume 3 consists of two parts. The first part, edited by A.I. Zhurav, is devoted to geology, prospecting, concentration and processing of nuclear energy materials. The second part, edited by A.I. Zhurav, is devoted to other matters, and contains information on the effects of nuclear energy on individual persons in most cases correspond word for word with those in the official English language edition on the Conference proceedings. See NOV/20/1 for the titles of the other volumes of the set.

Abstract: I.F. and A.A. Volynskiy, Investigating the Reactions of Uranium Monoxide and Fluorine Oxide Chlorination by Carbon Tetrachloride (Report No. 2197)

295

Abstract: S.A. Ignatyev, and A.A. Dvornik. Phase Diagrams for the $UO_2 - FeO$ and the $UO_2 - FeO$ Systems (Report No. 2199)

315

Abstract: P.P. S.G. Ignatyev, and V.I. Kuznetsov. Binary Phase Diagrams for $UO_2 - Al_2O_3$, $UO_2 - SiO_2$, and $UO_2 - MgO$ (Report No. 2197)

342

Abstract: G.Ye. V.I. Ignatyev, Z.P. Bikhuyev, A.M. Kuznetsov, and L.I. Salukina. The Influence of Fabrication Methods on the Structure and Properties of Uranium (Report No. 2207)

355

Abstract: G.Ye. and V.I. Ignatyev. Phase Diagrams of Certain Ternary Systems of Uranium and Thorium (Report No. 2204)

367

Card 6/11

KOPEL'TSEV, V.V.; DAGAYEV, V.F., doktor meditsinskikh nauk, zaveduyushchiy;
ZHURAVLEV, A.V., glavnyy vrach.

Problem of inter-thoracic plastic surgery of the esophagus in cicatrical
stenosis. Vest.khir. 73 no.3:61 My-Je '53. (MLRA 6:6)

1. Pervoye khirurgicheskoye otdeleniye Tul'skoy gorodskoy bol'nitsy imeni
Semashko (for Koptel'tsev and Dagayev). 2. Tul'skaya gorodskaya bol'nitsa
imeni Semashko (for Zhuravlev). (Esophagus--Surgery)

KOPTEL'TSEV, V.V., dotsent

Comparative evaluation of two methods for treating the stump of
the auricular appendage in mitral commissurotomy. Khirurgia
no.10:63-66 '64. (MIRA 18:8)

1. Kafedra gospiatal'noy khirurgii (nauchnyy rukovoditel' - prof.
G.N.Luk'yanov) Kubanskogo meditsinskogo instituta imeni Krasnoy
Armii.

KOPTEL'TSEV, V. V.

Koptel'tsev, V. V.

"The effect of penicillin and novocaine on bone formation using the method of intraosteal injection with Professor N. N. Yelanskiy's pin (experimental investigation)." First Moscow Order of Lenin Medical Inst. imeni I. M. Sechenov. Moscow, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 25, 1956

17(1,7)

SOV/177-58-1-7/25

AUTHOR: Koptel'tsev, V.V.

TITLE: Effects of Penicillin and Novocain Nail-Type Cannula Introduction on Osteogenesis (Vliyaniye penitsillina i novokaina na kosteobrazovaniye pri vvedenii ikh cherez gvozd'-kanyulyu)

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 1, pp 26-31 (USSR)

ABSTRACT: The author reports on metallic osteosynthesis which, although still insufficiently developed experimentally, has produced good results. The method was developed in order to determine how antibiotics effect the regeneration of the tela ossea and whether it is expedient to accelerate osteogenesis. Investigations were carried out by Ye.A. Timofeyevskaya, G.Flori, E.Abraham, M.Jennings, M.P. Yermolayeva. Surgeons V.N.Popov, I.I. Ivanov, T.V. Kalinina, and A.G. Bukhtiyarov

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Effects of Penicillin and Novocain Nail-Type Cannula Introduction on Osteogenesis

undertook investigations with novocain. Some authors including N.N. Yelanskiy, A.A. Vishnevskiy, B.V. Petrovskiy think that the novocain blockade mainly prevents and eliminates the stimuli of the nervous system, helps to normalize circulation and to improve tissue trophicity in the fraction area. S.I. Yelizarovskiy stated that medicine which causes extramedullary inflammation and necrosis, may be introduced intraosteally. In his experiments on rabbits, the author used a nail-shaped tube of stainless type "Ya-1-T" steel, 80 mm long and 3 mm in diameter developed by N.N. Yelanskiy. The conically-narrowed tube end has lateral openings for introducing medicine. The author performed 4 test series and concluded that in intraosteal metallic osteosynthesis, osteogenesis occurs on the base of a dystrophic process. Intraosteal application of a therapeutic dose of penicillin, dissolved in a physiological solution,

Card 2/3

KOPTEL'TSEV, V.V.

Effect of penicillin and novocaine on osteogenesis during their
intraosseous administration by way of Professor N.N.Elanskii's
nail-mannula; an experimental study. Trudy l-go MMI 7:67-90 '59.
(MIRA 15:11)

(PENICILLIN) (NOVOCAINE)
(INTERNAL FIXATION IN FRACTURES)

KOPTENKO, N.S., brigadir

For a high and honorary title! Mekh. sil'.hosp. 10 no.5:3-4 My
'59. (MIRA 12:7)

1. Traktornaya brigada Kolkhoza "Zapovit Lenina," Chutovskogo rayona,
Poltavskoy oblasti.

(Poltava Province--Collective farms)

(Agricultural machinery--Maintenance and repair)

BAVYKIN, A.S. [Bavykin, O.S.]; KOPTENKO, V.T.

Automatic switching of the needle raising cars of the
FVPEM-10/100 knitting machine. Lab.prom. no.1:36-37
Jan-Mar '64.

(MIRA 19:1)

GRESEV, M.A., veterinarnyy vrach; KOPTEV, veterinarnyy vrach.

Trypan blue for coccidiosis in chicks. Veterinariia 30 no.7:
51 Jy '53. (MLBA 6:7)

1. Staro-Mar'yevskaya rayonnaya veterinarnaya lechebnitsa
Stavropol'skogo kraia.

KOPTEV, A., polkovnik.

Advises in safety techniques. Voen. sviaz. 16 no.2:35-38 P '58.
(Electricity in military engineering--Safety measures) (MIRA 11:3)

OSHAROV, P.; PAGIN, V.; TESLYA, Ye., inzh.; CHERNOVA, Ye.; KOPTEV, A.;
LAZUTIN, P.; ANISHCHENKOV, T., instruktor; TOKAREV, S.; BERSON,
S.; KRICHEVSKIY, A.

They have too far to go. Sov. profsoiuzy 18 no.5:40-41 Mr '62.
(MIRA 15:3)

1. Reydovaya brigada zhurnala "Sovetskiye profsoyuzy".
2. Krasnoyarskiy krayevoy komitet profsoyuza rabochikh stroitel'stva i promyshlennosti stroymaterialov (for Koptev). 3. Posadchik prokatnogo tsekha zavoda "Sibelektrostal'" (for Lazutin).
4. Krasnoyarskiy krayevoy komitet profsoyuza rabotnikov mestnoy promyshlennosti i kommunal'nogo khozyaystva (for Anishchenkov).
5. Zaveduyushchiy lektorskoy gruppoy Krasnoyarskogo krayevogo soveta profsoyuzov (for Tokarev). 6. Zaveduyushchiy otделom krayevoy gazety "Krasnoyarskiy rabochiy" (for Berson). 7. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy" (for Krichevskiy).
(Krasnoyarsk--City planning)

L 30983-66 EMT(d)/EEC(k)-2/EMP(o)/EMP(v)/T/EMP(k)/EMP(h)/EMP(l) IJP(c)
 ACC NR: AP5006603 BB/CG (A) SOURCE CODE: UR/0317/65/000/008/0072/0079

AUTHOR: Koptev, A. (Colonel)

ORG: none

TITLE: Information, administration, and organization. [Mechanization and automation of data processing, accounting, and clerical functions]

SOURCE: Tekhnika i vooruzheniye, no. 8, 1965, 72-79

TOPIC TAGS: industrial management, computer application, office machine

ABSTRACT: The need for freeing scientists, technicians, engineers, and skilled workers from routine, mechanical functions is asserted and various machines and systems are suggested as means to this end. It is suggested that if the information search load could be halved by mechanization and automation, there would be an effective gain of 100,000 scientists. While citing computers in first place, the author also lists a large number of other machines which can be used to save skilled manpower: typewriters, calculators, tape recorders, copying and duplicating machines, teletype, telephone, radio relay equipment, desk adders, microfilm readers, card sorters, dictaphones, etc. The article also presents data on various office machines (manufactured in the Soviet Union, Bulgaria, Hungary, the GDR, Poland, and Czechoslovakia) recently exhibited in Moscow. Orig. art. has: 6 photographs.

SUB CODE: 05/

SUBM DATE: 00/

ORIG REF: 000/

OTH REF: 000

CARD 111 IC

KOPTEV, A.A., starshiy inzh. SMP-259

Repairing Duralumin ladders. Transp. stroi. ll no.1:49 Ja '61.
(Ladders--Maintenance and repair) (MIRA 14:1)

KOPTEV, A.A.

Using the MShTS-2 on electric railroads. Transp. stroi. 14
no.5:10-12 My '64. (MIRA 18:11)

1. Starshiy proizvoditel' rabot Stroitel'no-montazhnogo
poyezda No.259.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
pp 32-33 (USSR) 15-1957-3-2753

AUTHOR: Grishchenko, M.N. Koptev, A.I.

TITLE: Data on the Stratigraphy of the Terrace Deposits of the
Volga Valley at Privolzh'ye (Materialy k stratigrafii
terrasovykh otlozheniy doliny Volgi u sela Privolzh'ye)

PERIODICAL: Tr. Voronezhsk. un-ta, 1955, vol 39, pp 9-15

ABSTRACT: The structure of the Khvalynskiye (18 to 20 m) and the
Rissskiye (35 m) terraces in the region of Privolzh'ye
and Spasskoye is characterized by a three-fold division.
The lower and middle series of one terrace are similar
to those of the other. The lower series consists of
gray and dark-colored deposits, with irregular wedge-
outs of beds (sands, sandy clays, and clays). This se-
ries may correlate with the Hozarskiy deposits. The
middle series consists of greenish-gray, brown, and red-
brown sandy clays and sands with traces of ice wedges in

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15-1957-3-2779

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 37 (USSR)

AUTHORS: Grishchenko, M.N., Koptev, A.I.

TITLE: Post-Khvalynsk Terraces on the Lower Volga (0 pos-
lekhvalynskikh terrasakh Nizhney Volgi)

PERIODICAL: Tr. Voronezhsk. un-ta, 1955, Vol 39, pp 101-106

ABSTRACT: The author shows that there is a terrace between the Khvalynsk terrace and the flood plain, in addition to the one recognized earlier (Sarpinskaya). It had not been reported previously. This terrace, which should be designated II above the flood plain, is 10 m above the Sarpinskaya terrace and only 2 m below the Khvalynsk, from which it differs little morphologically. The deposits of this terrace (sands, sandy clays, and argillaceous sands) lie with an erosional break on the chocolate-colored Khvalynsk clays and the Atel'skiye sandy clays, which occur on the Khvalynsk terrace. The floor of the deposits of terrace II above the flood

Card 1/2

Post-Khvalynskiy Terraces on the Lower Volga (Cont.)

plain are 5 m above the level of the Volga. This is in contrast to the base of the Sarpinskaya terrace, which is below the level of the stream. The author correlates the deposits of the Sarpinskaya terrace with the second stage of Valday glaciation and with one of the latest stages of transgression of the Caspian. The deposits of terrace II correspond to the first stage of Valday glaciation and with the Nikol'skaya (second Khvalynsk) transgressiya (transgression).

B. V. R.

Card 2/2

KOPTEV, A.I.

Mineralogical composition of loess deposits in eastern White
Russia. Trudy Inst. geol. nav. An BSSR no. 2:118-132 '60.

(MIRA 13:12)

(White Russia--Loess)

KOPTEV, A.I. [Koptsev, A.I.]

Some results of comparing the mineralogical composition of pre-
Quaternary and Quaternary sediments of White Russia. Vestsi
AN BSSR. Ser. Fiz.-tekhn. nauch. no. 4:75-84 '60. (MIRA 14:1)
(Mineralogy) (White Russia--Geology, Stratigraphic)

KOPTEV, A.I. [Koptsev, A.I.]

Mineral composition of loess soils of the Minsk upland. Vestsi AN
BSSR. Ser. fiz.-tekhn. nav. no. 1:98-108 '61. (MIRA 14:4)
(White Russia--Loess)

KOPTEV, A. I.

Mineralogical composition of the sandy fraction of the anthro-
pogenic deposits of southern White Russia. Vestsi AN BSSR.
Ser. fiz.-tekh. nav. no.1:134-138 '63. (MIRA 16:4)

(White Russia—Minerals)